Attorney Docket No. 241054US6YA UTILITY PATENT APPLICATION First Inventor or Application Identifier Audunn LUDVIKSSON **TRANSMITTAL** (Only for new nonprovisional applications under 37 CFR 1.53(b))

Signature:

Name:

Edwin D. Garlepp

Title METHOD OF USING A SENSOR GAS TO DETERMINE EROSION LEVEL OF CONSUMABLE SYSTEM COMPONENTS

Assignee Name: Assignee Address:

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Date:

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|--|---|--|--|--|--|--|--|--|--|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents | Commissioner for Patents ADDRESS TO: Mail Stop Patent Application Alexandria, Virginia 22313 | | | | | | | | |
| 1. Fee Transmittal Form (e.g. PTO/SB/17) | ACCOMPANYING APPLICATION PARTS | | | | | | | | |
| (Submit an original and a duplicate for fee processing) | 7. Assignment Papers (cover sheet & document(s)) | | | | | | | | |
| 2. Specification Total Sheets 29 | | | | | | | | | |
| 2. Specification Total Sheets 29 | | | | | | | | | |
| | 9. 37 C.F.R. §3.73(b) Statement Power of Attorney | | | | | | | | |
| 3. | 10. English Translation Document (if applicable) | | | | | | | | |
| | 11. ☐ Information Disclosure ☐ Copies of IDS ☐ Citations | | | | | | | | |
| 4. ☐ Oath or Declaration Total Pages | 11. ☐ Statement (IDS)/PTO-1449 ☐ Citations 12. ☐ Preliminary Amendment | | | | | | | | |
| | 13. White Advance Serial No. Postcard | | | | | | | | |
| a. Newly executed (original or copy) | Osytifical Computef Dringity Decomposition | | | | | | | | |
| b. Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation/divisional with box 17 completed) | 14. Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | | | | | | |
| DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and | 15. ☐ Applicant claims small entity status. See 37 CFR 1.27 | | | | | | | | |
| 1.33(b). CD-ROM or CD-R in duplicate, large table or Compute | . 16. □ Other: | | | | | | | | |
| 5. Program (Appendix) | | | | | | | | | |
| 6. U Nucleotide and/or Amino Acid Sequence Submission | | | | | | | | | |
| (if applicable, all necessary) | | | | | | | | | |
| a. □ Computer Readable Form (CRF) b. Specification or Sequence Listing on : | | | | | | | | | |
| i. CD-ROM or CD-R (2 copies); or | | | | | | | | | |
| ii. □ Paper | | | | | | | | | |
| c. Statements verifying identity of above copies | | | | | | | | | |
| | Little and initial information below: | | | | | | | | |
| 17. If a CONTINUING APPLICATION, check appropriate box, and sup | | | | | | | | | |
| | | | | | | | | | |
| The approach members are a second of the sec | | | | | | | | | |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | | | | | |
| 18. Amend the specification by inserting before the first line the | sentence: | | | | | | | | |
| ☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP) | | | | | | | | | |
| of application Serial No. Filed on | | | | | | | | | |
| ☐ This application claims priority of provisional application Set | rial No. Filed | | | | | | | | |
| 19. CORRESPON | DENCE ADDRESS | | | | | | | | |
| 22850 | | | | | | | | | |
| (703) 413-3000 | | | | | | | | | |
| FACSIMILE: (703) 413-2220 | | | | | | | | | |
| Name: Michael R. Casey, Ph.D. | Registration No.: 40,294 | | | | | | | | |
| rianic, ivijuaci K. Cascy, Fil.D. | Michael R. Casey, Ph.D. // Registration No.: 40,294 / | | | | | | | | |



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SERIAL NO:

New Application

FILING DATE: Herewith

FOR:

METHOD OF USING A SENSOR GAS TO DETERMINE EROSION LEVEL OF CONSUMABLE

SYSTEM COMPONENTS

FEE TRANSMITTAL

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

| FOR | NUMBER FILED | | | | NUMBER EXTRA | | RATE | | CALCULATIONS |
|---|-----------------|---|----|---|-----------------|---|----------|------------|--------------|
| TOTAL CLAIMS | 51 | - | 20 | = | 31 | х | \$18 | = | \$558.00 |
| INDEPENDENT CLAIMS | 7 | - | 3 | = | 4 | х | \$84 | = | \$336.00 |
| ☐ MULTIPLE DEPENDENT CLAIMS (If applicable) + \$280 = | | | | | | | | \$0.00 | |
| LATE FILING OF DECLARATION + \$130 = | | | | | | | \$130.00 | | |
| BASIC FEE | | | | | | | | | \$750.00 |
| TOTAL OF ABOVE CALCULATIONS | | | | | | | | \$1,774.00 | |
| ☐ REDUCTION BY 50% FOR FILING BY SMALL ENTITY | | | | | | | | \$0.00 | |
| ☐ FILING IN NON-ENGLISH LANGUAGE | | | | | | + | \$130 | = | \$0.00 |
| ☐ RECORDATION OF ASSIGNMENT | | | | | | + | \$40 | = | \$0.00 |
| TOTAL | | | | | | | | | \$1,774.00 |

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A duplicate copy of this sheet is enclosed.

- A check in the amount of \$1,774.00 to cover the filing fee is enclosed.
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- The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment form is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C

40,294

Michael R. Casey, Ph.D.

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